Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1357446

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5663
Name: Hess Oil Company
Address 1: PO BOX 1009
Address 2:
City: MCPHERSON State: KS Zip: 67460 + 1009
Contact Person: Bryan Hess
Phone: (620) 241-4640
CONTRACTOR: License # 5663
Name: Hess Oil Company
Wellsite Geologist: Roger Martin
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☑ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

05/16/2017	05/22/2017	05/23/2017
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-065-24132-00-00
Spot Description:
SE - SW - NW - SE Sec. 35 Twp. 8 S. R. 23 ☐ East ☑ West
1520 Feet from ☐ North / ☑ South Line of Section
2309 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)*, Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Graham
Lease Name: UMC Well #: 1-35
Field Name:
Producing Formation: Lansing-KC
Elevation: Ground: 2175 Kelly Bushing: 2180
Total Vertical Depth: 4075 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 215 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 42000 ppm Fluid volume: 145 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Palomino Petroleum, Inc.
Lease Name: Sandy-Monique Unit 1 License #: 30742
Quarter NE Sec. 4 Twp. 12 S. R. 23 ☐ East ☑ West
County: Trego Permit #: D32164.0

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ **I** ☑ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 07/07/2017

[redacted]

1357446

Operator Name: Hess Oil Company Lease Name: UMC Well #: 1-35

Sec. 35 Twp. 8 S. R. 23 ☐ East ☑ West County: Graham

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Compensated Density/Neutron PE
Dual Induction

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	215	Common	150	3%cc,2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR.

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Form	ACO1 - Well Completion
Operator	Hess Oil Company
Well Name	UMC 1-35
Doc ID	1357446

Tops

Name	Top	Datum
Anhydrite	1825'	+355'
Base Anhydrite	1859'	+321'
Topeka	3251'	-1071
Heebner	3470'	-1290'
Toronto	3495'	-1315'
Lansing	3510'	-1330'
Base Kansas City	3725'	-1545'
Arbuckle	3980'	-1800'
RTD	4073'	-1893'
LTD	4075'	-1895'

Form	ACO1 - Well Completion
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Doc ID	1357446

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	215	Common	150	3%cc,2%gel

ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST
P.O. BOX 1714 - 1000 ROSEWOOD AVE. - ROSWELL, NM 88202

GEOLOGIST'S REPORT

COMPANY	PRESTON OIL CO.	ELEVATIONS	
	1000 - 1000 - 1000 - 1000	GL	3187	KB	3212
WELL	MBC #1		
FIELD	WILDCAT	Measurements	
		All	Are
LOCATION	1750' FL & 1980' FW SECTION 30		
	T-17-S, R-28-E, EDDY COUNTY, NM	SPUD	12-MAR-2012 08:00 AM
COUNTY	EDDY		
STATE	NEW MEXICO	TD	12-MAR-2012 12:00 AM
CONTRACTOR	PETROSTAR, Rig# 1	CASING	
		Surface	8 5/8 in @ 312 ft
Drlg Mud	Chemical Gel Mud	Production	5 1/2 in @ 1 ft
Type			
Density	8.7 lb/gal	Bit Record	
Viscosity	40 sec	Bit	7 7/8 in
Chlorides	1000 mg/l	Type	HTC
Ph	9.0	Jets	12 12 12
Fluid Loss	10 cc	In	312 ft
Gels	10 lb/100 ft²	Out	1 ft
Solids	3 %	Footage	1 ft
Oil/Water	0 % / 97 %	Hours	0.00 hr
Pump Rate	0 gpm	Dull	
Pump Pressure	0 psi	Grade	
Bottom Hole Temp	0 °F	Reason	

CONDITIONS TABLE	TIME	SAMPLE
Drilling Ahead	06:00 - 12:00	100%
Tripping	12:00 - 13:00	100%
Drilling Ahead	13:00 - 18:00	100%
Tripping	18:00 - 19:00	100%
Drilling Ahead	19:00 - 24:00	100%
Drilling Ahead	00:00 - 06:00	100%

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 233

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-16-17	35	8	23	Graham	KS		11:45pm

Location Hill City 4 S MRD 1/2W Vinto

Lease UMC Well No. 1-35

Contractor WW #8

Type Job Surface

Hole Size 12 1/4 T.D. 215

Csg. 8 5/8 Depth 215

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 10' Shoe Joint

Meas Line Displace 13BL

EQUIPMENT

	No.		
Pumptrk 20		Cementer	Craig
		Helper	
Bulktrk	No.	Driver	Brett
		Driver	
Bulktrk 9	No.	Driver	Tom
		Driver	

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

8 5/8 on bottom Est Circulation
Mix 150 sks Displace
Cement Circulated

Owner

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Hess Oil

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 150 80/20 3%cc 2%Gel 25# Sugar

Common	120
Poz. Mix	30
Gel.	3
Calcium	6
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	Sugar
Handling	159
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	Surface
Mileage	40
Tax	
Discount	
Total Charge	

X Signature Matt Brown

Quality Oilwell Cementing

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 237

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 5-23-17	35	8	23	Cerahan	KS		6:00 A.m.

Location Hill City 4S mile 1W 1 into

Lease UMC Well No. 1-35

Contractor WW #8

Type Job Rotary Plug

Hole Size 7 7/8 T.D. 4073

Csg. Depth

Tbg. Size Depth

Tool Depth

Cement Left in Csg. Shoe Joint

Meas Line Displace

EQUIPMENT

Pumptrk 20 No. Cementer Craig; Helper

Bulktrk No. Driver Brett; Driver

Bulktrk 9 No. Driver; Driver Doug

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30SK

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

1st 3940 50SK
2nd 1840 50SK
3rd 1020 100SK
4th 260 50SK
5th 40' 10SK

Owner

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Hess Oil

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 290 60/40 4% Gel 1/4# Flo

Common	174
Poz. Mix	116
Gel.	10
Calcium	
Hulls	
Salt	
Flowseal	75#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	300
Mileage	

FLOAT EQUIPMENT

~~Guide Shoe~~	8 5/8 Dry hole plug
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	plug
Mileage	40
Tax	
Discount	
Total Charge	

X Signature Matt Brown

Quality Oilwell Cementing